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CLASSIFICATION CONFIDENTIAL  
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CENTRAL INTELLIGENCE  
 SECURITY INFORMATION  
**INFORMATION REPORT**

CD NO.

COUNTRY USSR (Sverdlovsk Oblast)

DATE DISTR. 26 February 1952

SUBJECT Plow and Shell Factory in Verkhnyaya Tura

NO. OF PAGES 2

PLACE  
ACQUIREDNO. OF ENCLS. 10  
(LISTED BELOW)DATE OF  
INFO.

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SUPPLEMENT TO  
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE  
 OF THE UNITED STATES. WITHIN THE MEANING OF EXECUTIVE ORDER 11652,  
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## 1. Location:

The Plant No 72 is on the northwestern edge of Verkhnyaya-Tura (59°51'E/  
 58°21'N), Sverdlovsk Oblast, on the northeastern bank of a storage  
 basin about 3.2 km WNW of the Verkhnyaya-Tura railroad station.

## 2. Plant layout:

a. The oldest part of the plant was constructed as early as 1905. It  
 was not until recent years that the plant was essentially modernized.  
 In connection with this process, several new buildings were constructed  
 which are in a good condition.

b. The buildings are almost exclusively brick structures, only a few  
 being of wood.

c. Part of the power is generated in the plant. [ ] could not fur-  
 nish any information on the origin of the rest of the power. A spur  
 track is available.

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d. The plant area totals about 1800 x 450 meters. For sketch of the  
 plant see Annex.

## 3. Work force:

Three shifts of about 12,000 civilian workers and 450 PWs whose number  
 was reduced to 250 by mid-1948.

## 4. Production:

Previously shells were produced in the plant. Production had been shifted  
 to ploughs and conveyor belts since March 1948.

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Comment:

a. The Plant No 72 producing agricultural machinery was indicated in a  
 previous report.\*

b. The location of the plant is indicated by [ ] and [ ]

to previous information. \*

c. However, from comparing the annexed sketch of the plant and its very detailed legend with the previous report, there are evidently such essential inconsistencies, that further information on the actual plant layout, especially by more recent reports, is required.

1 Annex: Plant No 72 Manufacturing Flows and Shells.

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No Change in Class. ☒

☐ Declassified

Class. Changed To: TS S C

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Legend to Annex

- 1 Entrance with guardhouse 2
- 2 Warehouse for clothing and laboratory requirements, a brick building, 15 x 4.5 x 3.6 meters
- 3 Plant Department 11, manufacture of copper rotating bands for shells, a brick building, 27 x 10.5 x 7.5 meters
- 4 Plant Department 5, forge, production of tools, also hardening shop, a brick building, 27 x 10.5 x 7.5 meters
- 5 Plant Department 5, mechanical shop, a brick building, 27 x 13.5 x 4.5 meters.
- 6 Plant Department 6 composed of
  - a. Drilling, lathing and milling shop, a brick building, 36 x 13.5 x 10.5 meters
  - b. Compressor room furnished with two Russian and one American compressor, a brick-constructed extension, 18 x 6 x 3.6 meters.
- 7 Plant Department 4, present assembly shop for plows, former shell-lathing shop, a three-story brick building, 90 x 16.5 x 10.5 meters.
- 9 Plant Department 3, former hardening shop for shells, present hardening shop for plow shares, furnished with furnaces, a brick building, 13.5 x 9 x 7.5
- 10 Old Plant Department 17, gray iron foundry. [redacted] es for steel casting were installed, and core [redacted] ing shop and shop for cleansing castings established. A brick building, 27 x 10.5 x 7.5 meters.
- 11 Recent [redacted] Plant Department 17 (since the spring of 1946)
  - a. [redacted] in operation since the Spring of 1947, mould [redacted] machines
  - b. Power station with water tower fed from the storage basin. A brickwork building, 36 x 16.5 x 13.5 meters
- 12 Plant Department 1, with a large-size annealing furnace and two heavy hydraulic presses. Manufacture of punches and matrices for shells. (A building, 27 x 10.5 x 9 meters, with a tower, 18 meters high).
- 13 Power transforming station, a brick building, 18 x 9 x 7.5 meters
- 14 Lathe shop for shells with test room, 36 x 15 x 7.5 meters
- 15 Plant Department 1 with
  - a. Large, strictly guarded pumping installations
  - b. Two large-size annealing furnaces and six heavy hydraulic presses. Manufacture of shell castings. 54 x 18 x 9 meters
- 16 Plant Department 7, boilerhouse, 30 x 15 x 10.5 meters. No detailed information available. A new building
- 17 Workshop, 27 x 15 x 13.5 meters, with 25X1

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- a. Old boiler house furnished with four horizontal boilers, two of which were in operation
  - b. Plant Department 13 for electric repairwork
- 18 Apprentices' workshop
  - 19 Water tower, 18 meters high, 4.5 meters in diameter
  - 20 Old Plant Department 1, shut down since the Fall of 1945. A brick building, 36 x 13.5 x 9 meters, furnished with two annealing furnaces and two heavy presses for cutting shell castings.
  - 21 Guardhouse 1
  - 22 Laboratory for checking material, a brick building 27 x 18 x 13.5 meters
  - 23 Administration, a four-story brick building, 60 x 13.5 x 13.5 meters
  - 24 Warehouse for pig iron and screws, with loading platform, a wooden building, 36 x 9 x 6 meters.
  - 25 Brick building, 45 x 22.5 x 9 meters, containing the former forge; according to reconstruction plans, this building was to be converted into a steel foundry in 1948
  - 26 Engine house with four factory-owned locomotives
  - 27 Repair shop and garage for 10 trucks
  - 28 Sawmill with one frame
  - 29 Plant Department 23, manufacture of conveyor belts (90 x 18 x 9 meters)
  - 30 Plant Department 14, lathe and grinding shop producing piece parts for Plant Department 23 (90 x 18 x 9 meters)
  - 31 Compressor room with two compressors supplying Plant Departments 14 and 23 with compressed air. A wooden building, 13.5 x 7.5 x 7.5 meters.
  - 32 Storage for rolled sections and iron bars
  - 33 Plant Department 12, carpentry manufacturing shell boxes; A wooden building, 36 x 13.5 x 7.5 meters.
  - 34 Sawmill with one frame for reconstruction of the plant
  - 35 Transformer station on a hill
  - 36
  - 37 Warehouse for products
  - 38 Stalin Square
  - 39 Clubhouse
  - 40 Guardhouse 3

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Plant No. 72 Manufacturing Plows and Shells

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in VERKHNYAYA-TURA

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Legend: See report

